

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF U.S. 40 (BALTIMORE NATIONAL PIKE) & ST. AGNES LANE. THIS PROJECT IS LOCATED IN BALTIMORE COUNTY, MARYLAND.

U.S. 40 (BALTIMORE NATIONAL PIKE) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME AT EACH INTERSECTION.

TYPICAL MESSAGES FOR ACCESSIBLE PED SIGNALS

U.S. 40 (BALTIMORE NATIONAL PIKE) AND ST. AGNES LANE

1. U.S. 40 ALT. (BALTIMORE NATIONAL PIKE) AND ST. AGNES LANE – EAST LEG (PUSHBUTTONS #36 & #37)

STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS BALTIMORE NATIONAL AT ST. AGNES, WAIT" *

WALK: RAPID TICK

2. U.S. 40 ALT. (BALTIMORE NATIONAL PIKE) AND ST. AGNES LANE – EAST LEG (PUSHBUTTONS #38 & #39)

INTERSECTION WITH ANGLED CROSSING

WAIT: "WAIT TO CROSS BALTIMORE NATIONAL AT ST. AGNES. CROSSWALK ANGLES RIGHT, WAIT" ** *

WALK: RAPID TICK

3. ST. AGNES LANE AND U.S. 40 (BALTIMORE NATIONAL PIKE) – NORTH LEG

STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS ST. AGNES AT BALTIMORE NATIONAL, WAIT" *

WALK: RAPID TICK

4. ST. AGNES LANE AND U.S. 40 (BALTIMORE NATIONAL PIKE) – SOUTH LEG

STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS ST. AGNES AT BALTIMORE NATIONAL, WAIT" *

WALK: RAPID TICK

* MESSAGE USED IF DISTANCE FROM NEAREST PUSHBUTTON FOR PERPENDICULAR CROSSING IS < 10'
** MESSAGE USED IF CROSSWALK DIVERGES FROM OR CONVERGES WITH PARALLEL TRAFFIC

NOTE: MESSAGES FOR INTERSECTION CONFIGURATIONS, VARYING FROM THE ABOVE ARE TO BE APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NUMBER	QUANTITY	DESCRIPTION
9571	14 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF :
		- 4 EACH R10-3(1) SIGN (9 IN. x 15 IN.) TO READ "PUSHBUTTON TO CROSS BALTIMORE NATIONAL PIKE"
		- 4 EACH R10-3(1) SIGN (9 IN. x 15 IN.) TO READ "PUSHBUTTON TO CROSS ST. AGNES LANE"
		- 1 EACH R6-1(L) SIGN (36 IN. x 12 IN.) – GROUND MOUNT
		- 1 EACH R6-1(R) SIGN (36 IN. x 12 IN.) – GROUND MOUNT

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA
ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.
ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)	STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE)
STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)	STANDARD NO. MD-104.04-15 (INTERSECTION LEFT LANE, TURN BAY)
STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)	
STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE)	

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER – TRAFFIC
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MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NUMBER	QUANTITY	DESCRIPTION
1001	1015 L.F.	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS – ANY WIDTH
2002	8 C.Y.	TEST PIT EXCAVATION
5005	1430 L.F.	12 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
6005	60 S.F.	5 INCH CONCRETE SIDEWALK
8003	1 EACH	FURNISH AND INSTALL 2 WIRE CENTRAL CONTROL UNIT
8001	8 EACH	AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION & SIGNS
8002	8 EACH	BREAKAWAY PEDESTAL POLE (ANY SIZE)
8004	6 EACH	LED 16 INCH COUNTDOWN PEDESTRIAN SIGNAL HEADS
8007	1 EACH	REM & DISPOSE MAT & EQUIP PER ASSIGN
8008	140 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT – SLOTTED
8010	28 L.F.	WOOD SIGN SUPPORTS 4 INCH X 4 INCH
8012	465 L.F.	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8013	200 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT – TRENCHED
8014	2 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8015	20 S.F.	INSTALL GROUND MOUNTED SIGN
8019	6 EACH	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE
8020	2200 L.F.	ELECTRICAL CABLE – 2 CONDUCTOR (NO. 14 AWG)
8021	1390 L.F.	ELECTRICAL CABLE – 5 CONDUCTOR (NO. 14 AWG)
NEG.	2 EACH	CONDUIT BEND IN EXISTING FOUNDATION – ANY SIZE



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

U.S. 40 (Baltimore National Pike) and St. Agnes Lane
Catonsville, Maryland

GENERAL INFORMATION SHEET

SCALE NONE ADVERTISED DATE 10062010 CONTRACT NO. AX7045168

DESIGNED BY S. Bloss	COUNTY Baltimore
DRAWN BY S. Bloss	LOGMILE
CHECKED BY N. Leary	TIMS NO.
F.A.P. NO.	TOD NO.

TS NO.	DRAWING TSP-6 OF 12	SHEET NO. 6 OF 12
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& ASSOCIATES, LLP
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